3: Barrett E-5 (1908-1909)1925
SD6 Cayapa SD6

motion is desired, a string with a grip is used. Occasionally a girl may be seen spinning a top, but it is primarily an amusement of the boys.

MATERIAL CULTURE

BUILDINGS

The buildings of the Cayapa may be divided into four classes: the dwelling or regular abode, the rancho or temporary structure, the cane-mill and distillery, and the church, this last, of course, being of modern introduction. All these buildings, except the church, which is at ground level, are pile structures and are constructed according to a single general plan.

In pls. I-IV are shown typical dwellings. They are always rectangular in ground-plan (pl. XI), and vary in size according to the number of occupants, some reaching large dimensions. The dwelling of which the above-mentioned ground-plan is presented is 87 feet in extreme length and 41 feet in width. Dwellings are almost invariably situated along the river bank, and each is flanked by fields of sugar-cane, plantains, bananas, cacao, pineapples, and other crops. The dwellings are raised four to twelve feet from the ground, and access is gained by means of ladders such as those illustrated in fig. 1, especially those of the types shown in *a* and *d*.

The houses are fairly simple in construction. The framework consists of a number of heavy squared posts of a hard black wood called by the local Spanish name

3: Barrett E-5 (1908-1909)1925
SD6 Cayapa SD6

342
348

DWELLING AND ADJOINING CANE-MILL

[p. 46 (A)]

3: Barrett E-5 (1908-1909)1925
SD6 Cayapa SD6

342 village of Punta Venado is such a rancho, built with its floor of bamboo resting almost upon the ground. On the other hand, ranchos that are built for regular temporary shelters such as those above mentioned, have their floors raised from two to four feet from the ground. This rancho in the plaza of the village is shown in pls. CXXXII-CXXXIV. In the background of pl. CXXXII and pl. CXXXIII distant views are illustrated, and pl. CXXXIV shows it in detail and indicates its special and interesting use. During one day only of the year is 796 this rancho occupied. At the fiesta held during Easter [351] week the entire plaza is carefully cleared of its dense 778 growth of weeds, grass, and vines, thus making access to the rancho possible. Before dawn on Easter Sunday itself, all dancing in the village ceases. The musical instruments are transferred to this rancho and a procession is formed which brings some of the images of saints from the church to the rancho, where they sit in state, as it were, throughout the day, while music is played before them almost constantly. It is said that this is the one day of the year when these saintly images can [272] drink as human beings, and they are frequently offered guarapo, a calabash of this cane juice being placed to [784] their lips as if they were in the act of drinking. During this time people are prohibited from drinking rum in the presence of the images, though they may drink as much guarapo as they desire.

348 The cane-mill, which is itself an important and a permanent building, is constructed in exactly the same manner as a regular dwelling. It is usually situated

3: Barrett E-5 (1908-1909)1925
SD6 Cayapa SD6

near the permanent dwelling, and is almost always surrounded by cane-fields. The cane-mill is equipped with what may be termed the mill proper, consisting of a pair of large and very heavy rollers with a large hand-wheel used in turning them, the large storage pots for fermenting the cane juice, and the fireplace and pottery still used in distilling the rum made from the fermented juice. The similarity which such a mill bears to an ordinary dwelling is shown in pls. I, II, in each of which the structure to the right is the mill, and that to the left the dwelling. These two illustrations show also how close together the mill and the dwelling are sometimes built. In pl. VI is shown an isolated mill, with a field of young cane in the background. The dwelling of the owner of this cane-mill, illustrated in pl. V, is situated directly opposite on the bank of the river.

The three classes of buildings described are generally isolated from others. The continuously inhabited dwellings are never assembled into villages, but are scattered at intervals along the banks of the stream. There are, however, within the Cayapa territory, three villages, each consisting of a church and a number of houses. These villages are used by the people only when they come together for religious feasts and on other festival occasions. The houses in these villages are never occupied regularly except at such times, though they are constructed in every way like the dwellings occupied permanently by the people as homes.

The church, which of course is a modern institution, having existed only since the time of the Spanish con-

3: Barrett E-5 (1908-1909)1925
SD6 Cayapa SD6

rodents, and bats. Furthermore, the plantain has a much superior flavor when gathered green and ripened in a shady and fairly cool place. If allowed to ripen on the plant, the Indians claim that it is insipid.

The banana, which in some respects can hardly be distinguished from the plantain, is cultivated and harvested in precisely the same manner. Of this fruit there are three species: a large yellow, a small yellow, and a small red species; but they are almost never used as human food, being cultivated in nearly as great quantities as are plantains for the purpose of feeding the hogs, of which the Cayapa raise considerable numbers.

Sugar-cane, though introduced, has a native Cayapa name, e'lla, and is one of those products at present most grown by the Indians. Often immediately adjacent to the dwelling, and always within a short distance of it, is a cane-mill and distillery, called tapi'tci ya or ta'pi ya, usually surrounded by comparatively large fields of cane, which thrives especially in low, wet ground. In pls. I, II, are shown cane-mills which are immediately adjacent to the houses of their owners, and to the right in each case glimpses of the adjacent cane-fields may be had. In pl. VI is shown an isolated mill, flanked by its field of young cane. This mill is situated directly across the river from the dwelling of its owner.

After the original planting, a few months only are required before the cane is sufficiently mature to be cut. There are no regular times for the harvesting of the cane, which is usually governed by the necessity for a new